

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	214	((mtj or (magnetic near (tunnel or tunneling) near junction)) near memory) and (ferromagnetic or antiferromagnetic) and (pin or pinning) and (tunnel or tunneling)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:03
L2	130	L1 and method.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:03
L3	34	L1 and method.clm. and (anneal or annealing or annealed or (heat near (treat or treating or treated or treatment)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:05
L4	13	L1 and method.clm. and (anneal or annealing or annealed or (heat near (treat or treating or treated or treatment))) and (syAf or synthetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:07
L5	8	L1 and method.clm. and (anneal or annealing or annealed or (heat near (treat or treating or treated or treatment))) and (syAf or synthetic) and anisotropy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:07
L6	8	L1 and method.clm. and (anneal or annealing or annealed or (heat near (treat or treating or treated or treatment))) and (syAf or synthetic) and (anisotropic or anisotropical or anisotropically or anisotropy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:08
L7	7	L1 and method.clm. and (anneal or annealing or annealed or (heat near (treat or treating or treated or treatment))) and (syAf or synthetic) and (anisotropic or anisotropical or anisotropically or anisotropy).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:08
L8	7	L1 and method.clm. and (anneal or annealing or annealed or (heat near (treat or treating or treated or treatment))) and (syAf or synthetic).clm. and (anisotropic or anisotropical or anisotropically or anisotropy).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:08

EAST Search History

L9	2	L1 and method.clm. and (anneal or annealing or annealed or (heat near (treat or treating or treated or treatment))) and (syAf or synthetic).clm. and (anisotropic or anisotropical or anisotropically or anisotropy).clm. and (uniaxial or uniaxially).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:08
----	---	---	---	----	----	------------------

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	419	((magnetic adj tunneling adj junction) or mtj) near memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:22
S2	133	((magnetic adj tunneling adj junction) or mtj) near memory) and ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:24
S3	27	((magnetic adj tunneling adj junction) or mtj) near memory) same ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) same ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:24
S4	24	((magnetic adj tunneling adj junction) or mtj) near memory) same ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) same ferromagnetic same (pin or pinning or pinned)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:24
S5	0	((((magnetic adj tunneling adj junction) or mtj) near memory) same ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) same ferromagnetic same (pin or pinning or pinned)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:24
S6	1	((((magnetic adj tunneling adj junction) or mtj) near memory) same ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) same ferromagnetic same (pin or pinning or pinned)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:25
S7	3	((((magnetic adj tunneling adj junction) or mtj) near memory) and ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) and ferromagnetic and (pin or pinning or pinned)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:31

EAST Search History

S8	3	(((magnetic adj tunneling adj junction) or mtj) near memory) and ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) and ferromagnetic).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:35
S9	133	(((magnetic adj tunneling adj junction) or mtj) near memory) and ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) and ferromagnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:42
S10	167	(((magnetic adj tunneling adj junction) or mtj)) with ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) with ferromagnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:43
S11	11	(((magnetic adj tunneling adj junction) or mtj)) with ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) with ferromagnetic)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:44
S12	9	(((magnetic adj tunneling adj junction) or mtj)) with ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) with ferromagnetic with (pin or pinned or pinning))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:45
S13	23	(((magnetic adj tunneling adj junction) or mtj)) same ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) same ferromagnetic same (pin or pinned or pinning))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:46
S14	1	(((magnetic adj tunneling adj junction) or mtj)) same ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) same ferromagnetic same (pin or pinned or pinning)) same seed).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:46

EAST Search History

S15	2	(((((magnetic adj tunneling adj junction) or mtj))) and ((anti adj ferromagnetic) or anti-ferromagnetic or antiferromagnetic) and ferromagnetic and (pin or pinned or pinning)) and seed).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:48
S16	14	((((magnetic adj tunneling adj junction) or mtj))) and headway	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:49
S17	12	((((magnetic adj tunneling adj junction) or mtj))) and headway and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:49
S18	2	((((magnetic adj tunneling adj junction) or mtj))) and headway and ferromagnetic and circular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:51
S19	0	"56509587"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:51
S20	0	"56509587".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:52
S21	2	"5650958".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:52
S22	207	"5650958"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:52
S23	2	"6226160".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:53

EAST Search History

S24	2	"6166948".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:53
S25	2	"6205052".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:53
S26	2	"5757695".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:54
S27	10	"6351410"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:54
S28	26	"5766743"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:54
S29	2	"5766743".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:55
S30	2	"5766743".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:55
S31	2	"6430084".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:55

EAST Search History

S32	62	(US-20040257868-\$ or US-20040174740-\$ or US-20040090716-\$ or US-20040017641-\$ or US-20040012897-\$ or US-20040012896-\$ or US-20030198080-\$ or US-20020167767-\$ or US-20020084453-\$ or US-20040085683-\$ or US-20030235016-\$ or US-20030184919-\$ or US-20030184918-\$ or US-20030053270-\$ or US-20020141120-\$ or US-20020122338-\$ or US-20050024792-\$ or US-20040252419-\$ or US-20040233584-\$ or US-20040196598-\$ or US-20040047085-\$ or US-20030227723-\$ or US-20030053266-\$ or US-20030043513-\$ or US-20020154457-\$ or US-20040233760-\$).did. or (US-20040166640-\$).did. or (US-6845038-\$ or US-6385079-\$ or US-6833982-\$ or US-6600184-\$ or US-6822838-\$ or US-6788502-\$ or US-6724586-\$ or US-6703654-\$ or US-6600638-\$ or US-6479848-\$ or US-6683762-\$ or US-6614630-\$ or US-5650958-\$ or US-6226160-\$ or US-6166948-\$ or US-6205052-\$ or US-5757695-\$ or US-6801450-\$ or US-6741434-\$ or US-6689622-\$ or US-6664579-\$ or US-6552554-\$ or US-6498747-\$ or US-6351410-\$ or US-5766743-\$ or US-6430084-\$).did. or (US-6703654-\$ or US-5650958-\$ or US-6226160-\$ or US-6166948-\$ or US-6205052-\$ or US-5757695-\$ or JP-2001084758-\$ or JP-09050611-\$ or US-6430084-\$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/02/14 15:55
S33	2	S32 and syaf	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:57

EAST Search History

S34	5	S32 and synthetic.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:58
S35	4	S32 and (synthetic near antiferromagnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/14 15:59
S36	3	S32 and (synthetic near antiferromagnetic).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:33

EAST Search History

S37	62	(US-20040257868-\$ or US-20040174740-\$ or US-20040090716-\$ or US-20040017641-\$ or US-20040012897-\$ or US-20040012896-\$ or US-20030198080-\$ or US-20020167767-\$ or US-20020084453-\$ or US-20040085683-\$ or US-20030235016-\$ or US-20030184919-\$ or US-20030184918-\$ or US-20030053270-\$ or US-20020141120-\$ or US-20020122338-\$ or US-20050024792-\$ or US-20040252419-\$ or US-20040233584-\$ or US-20040196598-\$ or US-20040047085-\$ or US-20030227723-\$ or US-20030053266-\$ or US-20030043513-\$ or US-20020154457-\$ or US-20040233760-\$).did. or (US-20040166640-\$).did. or (US-6845038-\$ or US-6385079-\$ or US-6833982-\$ or US-6600184-\$ or US-6822838-\$ or US-6788502-\$ or US-6724586-\$ or US-6703654-\$ or US-6600638-\$ or US-6479848-\$ or US-6683762-\$ or US-6614630-\$ or US-5650958-\$ or US-6226160-\$ or US-6166948-\$ or US-6205052-\$ or US-5757695-\$ or US-6801450-\$ or US-6741434-\$ or US-6689622-\$ or US-6664579-\$ or US-6552554-\$ or US-6498747-\$ or US-6351410-\$ or US-5766743-\$ or US-6430084-\$).did. or (US-6703654-\$ or US-5650958-\$ or US-6226160-\$ or US-6166948-\$ or US-6205052-\$ or US-5757695-\$ or JP-2001084758-\$ or JP-09050611-\$ or US-6430084-\$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/02/15 15:35
S38	2	S37 and anisotropy.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:38

EAST Search History

S39	13	((cross adj section) near (circular or circle or elliptical or ellipse)). clm. and anisotropy.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:39
S40	1	((cross adj section) near (circular or circle or elliptical or ellipse)). clm. and anisotropy.clm. and seed.clm. and (ferromagnetic). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:39
S41	1	((cross adj section) near5 (circular or circle or elliptical or ellipse)). clm. and anisotropy.clm. and seed.clm. and (ferromagnetic). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:40
S42	2	09/971572	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:41
S43	1	09/971152	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:40
S44	0	"09971572"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:41
S45	0	"099711572"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:41
S46	2	"09971152"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:42
S47	492	(headway near technologies)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:42
S48	473	(headway near technologies) and magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:42

EAST Search History

S49	18	(headway near technologies) and magnetic and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:43
S50	9	(headway near technologies) and magnetic and memory and ferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:43
S51	8	(headway near technologies) and magnetic and memory and ferromagnetic and antiferromagnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:44
S52	6	(headway near technologies) and magnetic and memory and ferromagnetic and antiferromagnetic and seed	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:44
S53	1	(headway near technologies) and magnetic and memory and ferromagnetic and antiferromagnetic and seed and (circurlar or circle or ellipse or elliptical)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/15 15:45
S54	6	syAf and mtj	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 09:58
S55	4	syAf.clm. and mtj	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 09:58
S56	4	syAf.clm. and mtj.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:00
S57	0	syAf.clm. and mtj.clm. and circular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:00

EAST Search History

S58	1	syAf.clm. and mtj.clm. and circular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:00
S59	3	(mtj and circular).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:02
S60	3	(mtj and circular and free).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:04
S61	3	(mtj and circular and (free near5 ferromagnetic)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:05
S62	0	(mtj and circular and (free near5 ferromagnetic near5 antiferrognetic)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:05
S63	0	(mtj and circular and (free near5 ferromagnetic near5 antiferromaggnetic)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:05
S64	1	(mtj and circular and (free near5 ferromagnetic near5 antiferromagnetic)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:05
S65	1	(mtj and circular and (free near10 ferromagnetic near10 antiferromagnetic)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:06
S66	140	(free near10 ferromagnetic near10 antiferromagnetic).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:06
S67	46	(free near10 ferromagnetic near10 (couple or coupling or coupled) near10 antiferromagnetic).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:06

EAST Search History

S68	1	(free near10 ferromagnetic near10 (couple or coupling or coupled) near10 antiferromagnetic).clm. and circular.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:07
S69	36	(free near10 ferromagnetic near10 (couple or coupling or coupled) near10 antiferromagnetic) and circular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:09
S70	1455	(antiferromagnetic adj layer) with (ferromagnetic adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:09
S71	1381	(antiferromagnetic adj layer) near10 (ferromagnetic adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:09
S72	381	((antiferromagnetic adj layer) near10 (ferromagnetic adj layer)). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:09
S73	1	((antiferromagnetic adj layer) near10 (ferromagnetic adj layer)). clm. and mtj.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:09

EAST Search History

S74	78	(US-20020054449-\$ or US-20020084453-\$ or US-20020122338-\$ or US-20020141120-\$ or US-20020154457-\$ or US-20020167767-\$ or US-20030043513-\$ or US-20030053266-\$ or US-20030053270-\$ or US-20030184918-\$ or US-20030184919-\$ or US-20030198080-\$ or US-20030227723-\$ or US-20030235016-\$ or US-20040004056-\$ or US-20040012896-\$ or US-20040012897-\$ or US-20040017641-\$ or US-20040047085-\$ or US-20040085683-\$ or US-20040090716-\$ or US-20040166640-\$ or US-20040174740-\$ or US-20040196598-\$ or US-20040233577-\$ or US-20040233584-\$).did. or (US-20040233760-\$ or US-20040252419-\$ or US-20040257868-\$ or US-20040264047-\$ or US-20050024792-\$ or US-20050157544-\$ or US-20050170532-\$ or US-20050045971-\$ or US-20050045931-\$).did. or (US-5650958-\$ or US-5757695-\$ or US-5766743-\$ or US-6166948-\$ or US-6205052-\$ or US-6226160-\$ or US-6324037-\$ or US-6351410-\$ or US-6381088-\$ or US-6385079-\$ or US-6430084-\$ or US-6479848-\$ or US-6498747-\$ or US-6525897-\$ or US-6552554-\$ or US-6600184-\$ or US-6600638-\$ or US-6614630-\$ or US-6664579-\$ or US-6683762-\$ or US-6689622-\$ or US-6703654-\$ or US-6724586-\$ or US-6741434-\$ or US-6788502-\$ or US-6801450-\$).did. or (US-6822838-\$ or US-6833982-\$ or US-6845038-\$ or US-6927075-\$).did. or (JP-09050611-\$ or US-5650958-\$ or US-5757695-\$ or US-6166948-\$ or US-6205052-\$ or US-6226160-\$ or US-6324037-\$ or JP-2001084758-\$ or US-6420084-\$ or	US-PGPUB; USPAT; DERWENT	OR	ON	2005/08/20 10:10
5/25/06 2:10:57 PM		C:\Documents and Settings\PFerden\My Documents\EAST\workspaces\10761003_case.wsp US 6420084 \$ or				Page 12

EAST Search History

S75	17	S74 and (ferromagnetic adj layer) with (antiferromagnetic adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:16
S76	57	"6211090"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:23
S77	61	S74 and (couple or coupling or coupled)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:24
S78	45	S74 and (couple or coupling or coupled).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/20 10:24

EAST Search History

S79	78	(US-20050024792-\$ or US-20040012896-\$ or US-20030043513-\$ or US-20020141120-\$ or US-20040004056-\$ or US-20040047085-\$ or US-20030053266-\$ or US-20040090716-\$ or US-20030198080-\$ or US-20040166640-\$ or US-20040233577-\$ or US-20030053270-\$ or US-20020084453-\$ or US-20020167767-\$ or US-20030235016-\$ or US-20040257868-\$ or US-20040017641-\$ or US-20040233760-\$ or US-20030184919-\$ or US-20040264047-\$ or US-20030184918-\$ or US-20030227723-\$ or US-20040085683-\$ or US-20040012897-\$ or US-20050170532-\$ or US-20040196598-\$).did. or (US-20020154457-\$ or US-20050157544-\$ or US-20040252419-\$ or US-20040174740-\$ or US-20040233584-\$ or US-20050045971-\$ or US-20050045931-\$ or US-20020122338-\$ or US-20020054449-\$).did. or (US-6430084-\$ or US-6822838-\$ or US-6525897-\$ or US-5650958-\$ or US-6614630-\$ or US-6226160-\$ or US-6385079-\$ or US-6689622-\$ or US-6833982-\$ or US-6683762-\$ or US-6166948-\$ or US-6664579-\$ or US-6324037-\$ or US-6205052-\$ or US-6479848-\$ or US-6801450-\$ or US-6703654-\$ or US-6498747-\$ or US-6381088-\$ or US-6552554-\$ or US-6600184-\$ or US-5766743-\$ or US-6741434-\$ or US-6927075-\$ or US-6724586-\$ or US-6845038-\$).did. or (US-6788502-\$ or US-6351410-\$ or US-5757695-\$ or US-6600638-\$).did. or (US-20040004056-\$ or US-20040233584-\$ or US-5757695-\$ or JP-09050611-\$ or US-6226160-\$ or US-6205052-\$ or US-6703654-\$ or US-5650958-\$ or US-6166948-\$ or US-6430084-\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/02/21 01:25
5/25/06 2:10:57 PM	C:\Documents and Settings\Fredmmy Documents\EAST\workspaces\10761003_case.wsp					Page 14

EAST Search History

S80	43	S79 and pinning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 01:25
S81	17	S79 and pinning.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 01:29
S82	13	S79 and pinning.clm. and coupling.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 01:31
S83	14	S79 and pinning.clm. and (coupling near10 ferromagnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 01:31
S84	11	S79 and pinning.clm. and (coupling near10 ferromagnetic). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 01:31
S85	7	S79 and pinning.clm. and (coupling near10 ferromagnetic near10 antiferromagnetic).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 01:31
S86	0	10/61003	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 16:47
S87	1	10/761003	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 16:47
S88	918	(headway near technologies)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 16:48
S89	204	(headway near technologies)\	USPAT	OR	ON	2006/05/24 16:56
S90	1	"6979586"	USPAT	OR	ON	2006/05/24 19:30

EAST Search History

S91	850	((mtj or (magnetic near (tunnel or tunneling) near junction)) near memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 19:31
S92	147	((mtj or (magnetic near (tunnel or tunneling) near junction)) near memory) and (ferromagnetic or antiferromagnetic) and (pin or pinnin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 19:31
S93	214	((mtj or (magnetic near (tunnel or tunneling) near junction)) near memory) and (ferromagnetic or antiferromagnetic) and (pin or pinning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 19:32
S94	214	((mtj or (magnetic near (tunnel or tunneling) near junction)) near memory) and (ferromagnetic or antiferromagnetic) and (pin or pinning) and (tunnel or tunneling)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 19:34
S95	130	S94 and method.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 14:03